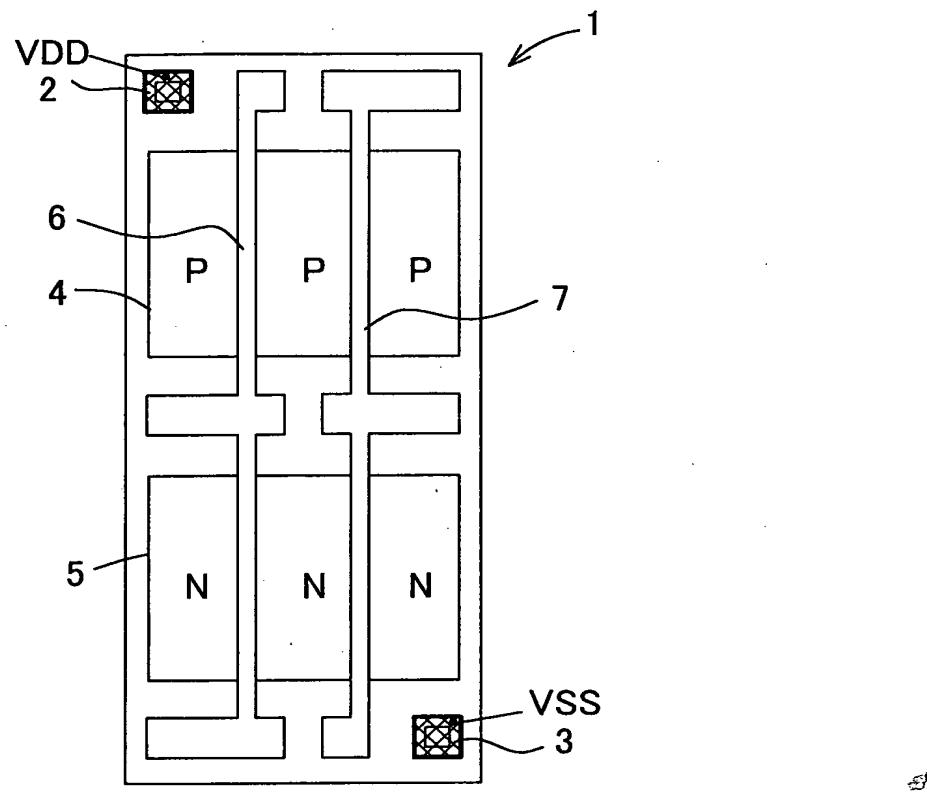


FIG. 1**FUNDAMENTAL CELL IN ACCORDANCE WITH THE PRESENT INVENTION**

■ :LOWEST METAL WIRING LAYER(M1)

■ :UPPER METAL WIRING LAYER(M2)

FIG. 2

FUNCTIONAL CIRCUIT BLOCK FORMED BY USING FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION

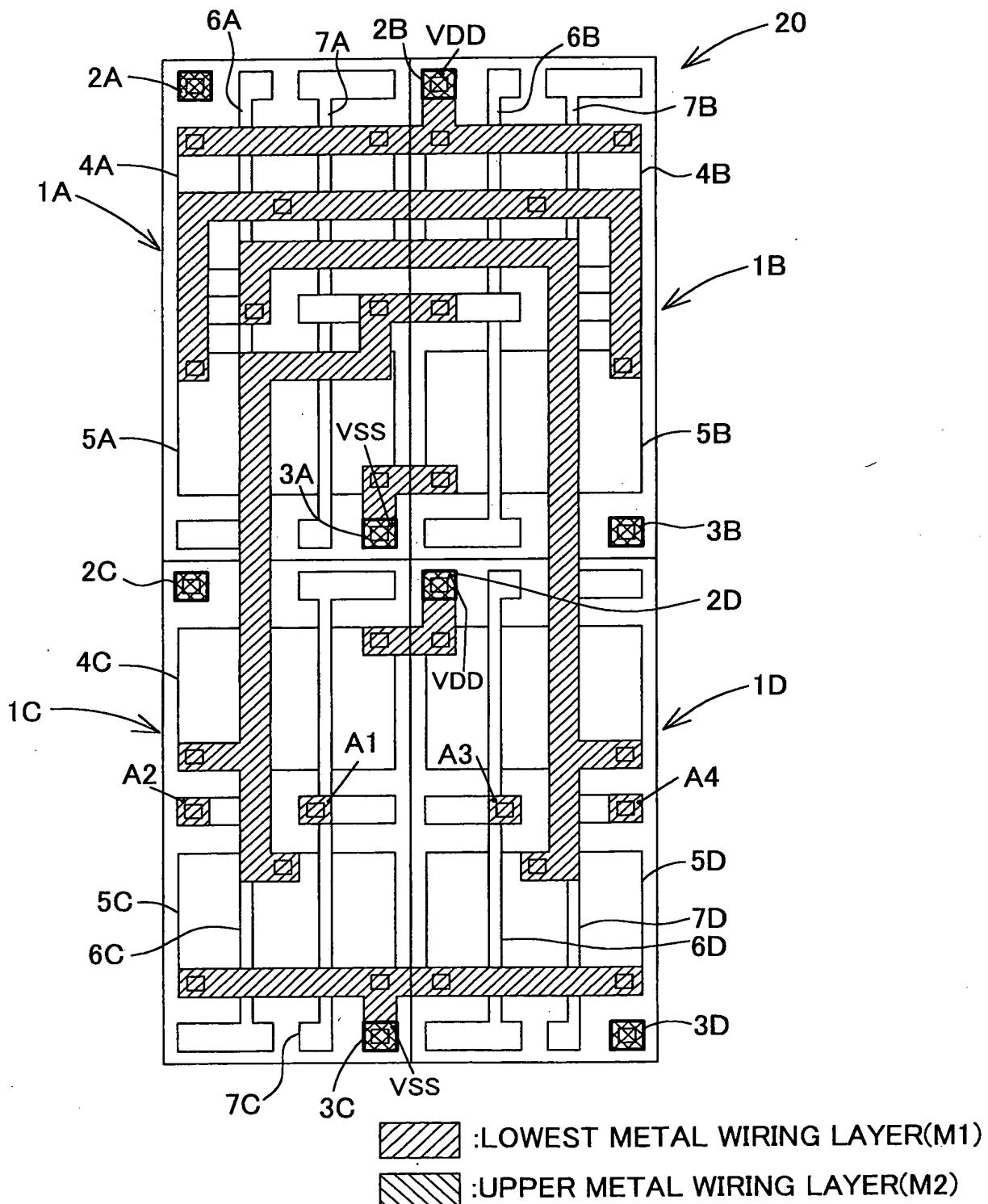


FIG. 3

CIRCUIT DIAGRAM OF THE FUNCTIONAL CIRCUIT BLOCK
SHOWN IN FIG.2

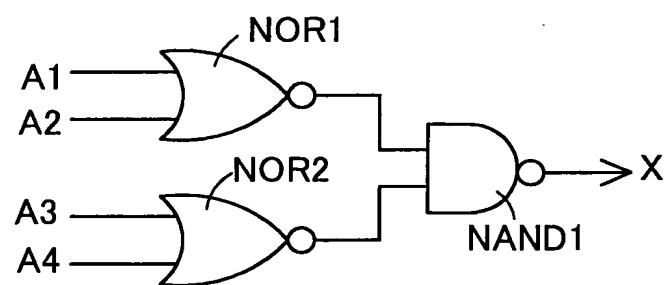
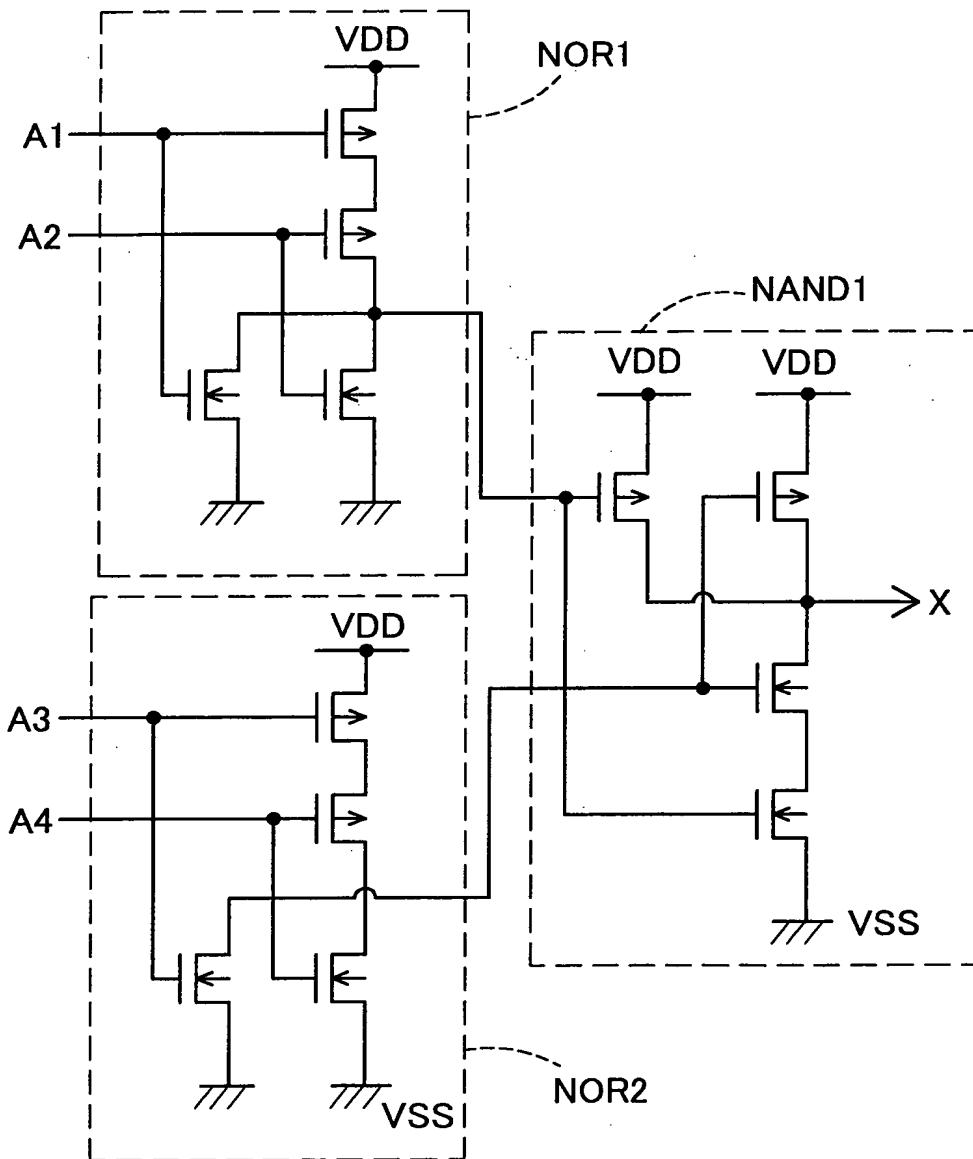
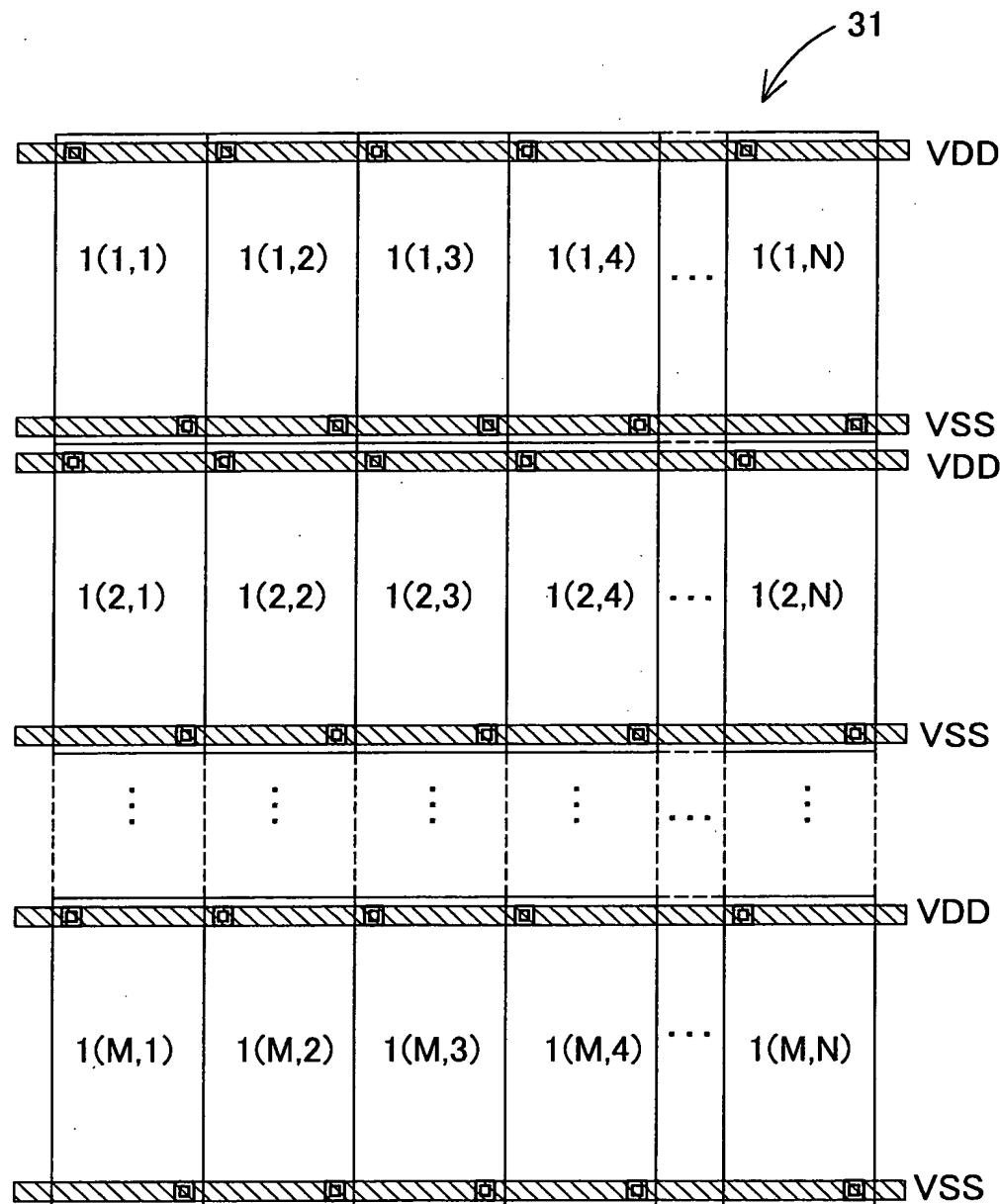


FIG. 4

FIRST PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED IN A FORM OF MATRIX



:UPPER METAL WIRING LAYER(M2)

FIG. 5

SECOND PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED IN A FORM OF MATRIX

32

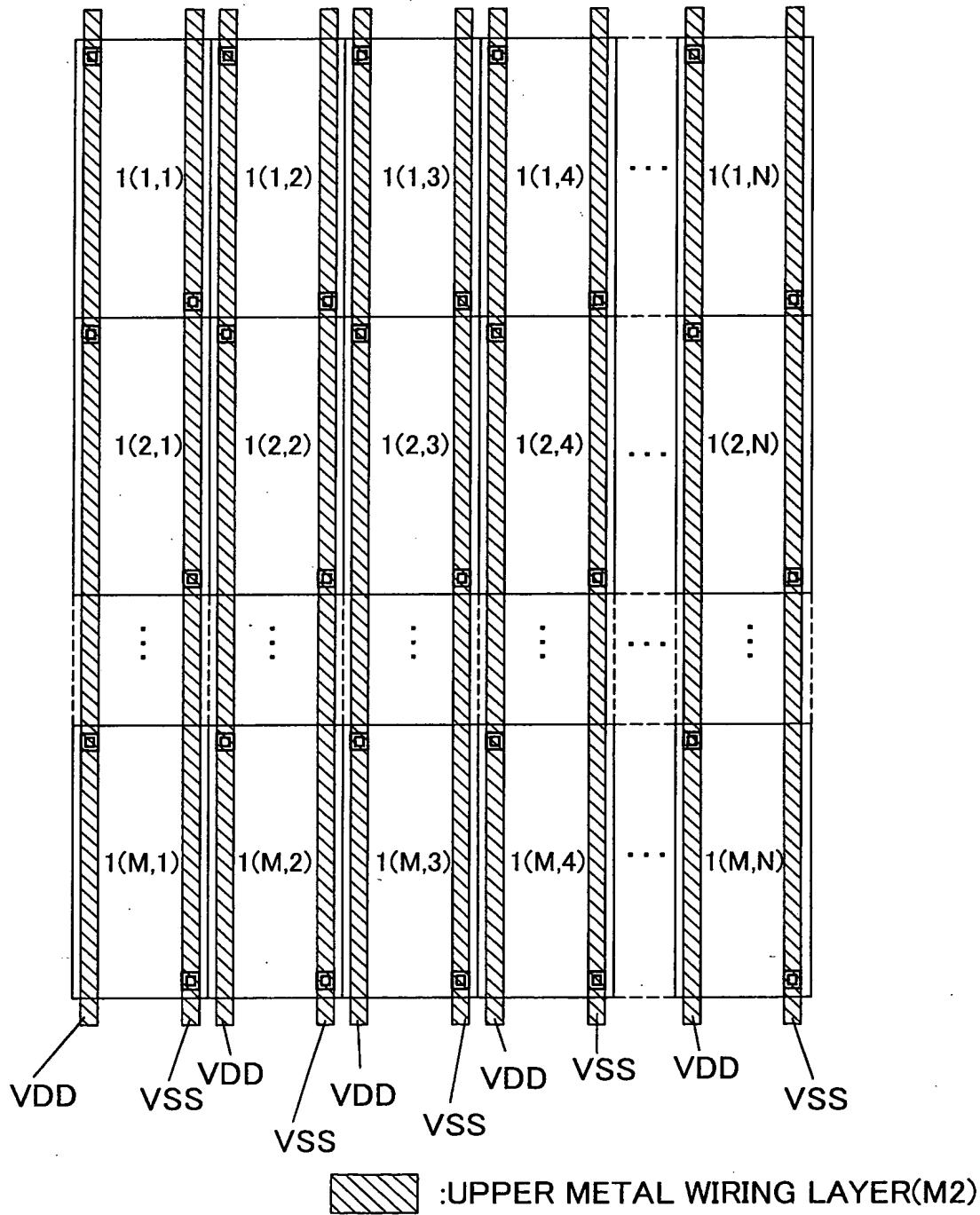


FIG. 6

THIRD PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED IN A FORM OF MATRIX

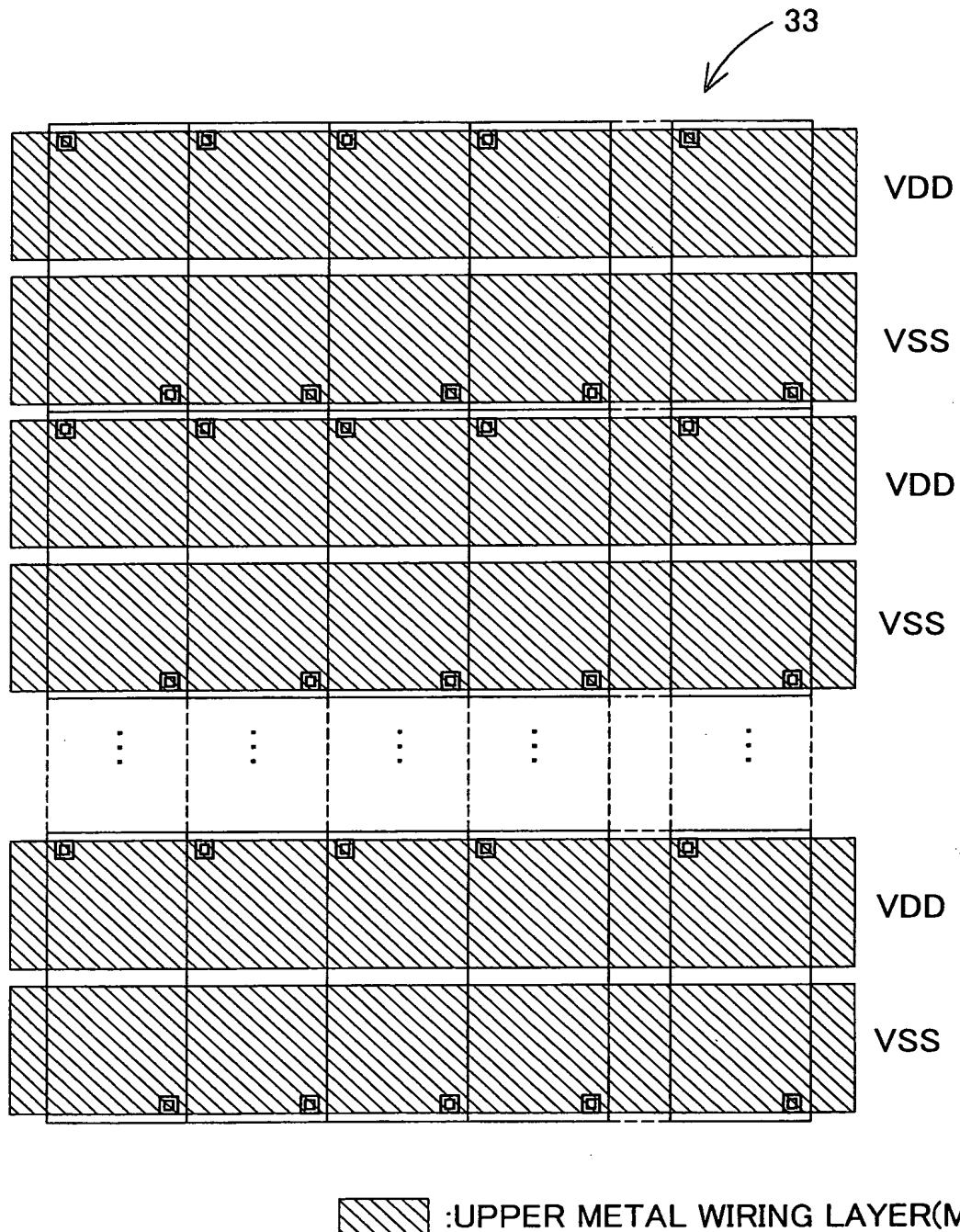


FIG. 7

FOURTH PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED IN A FORM OF MATRIX

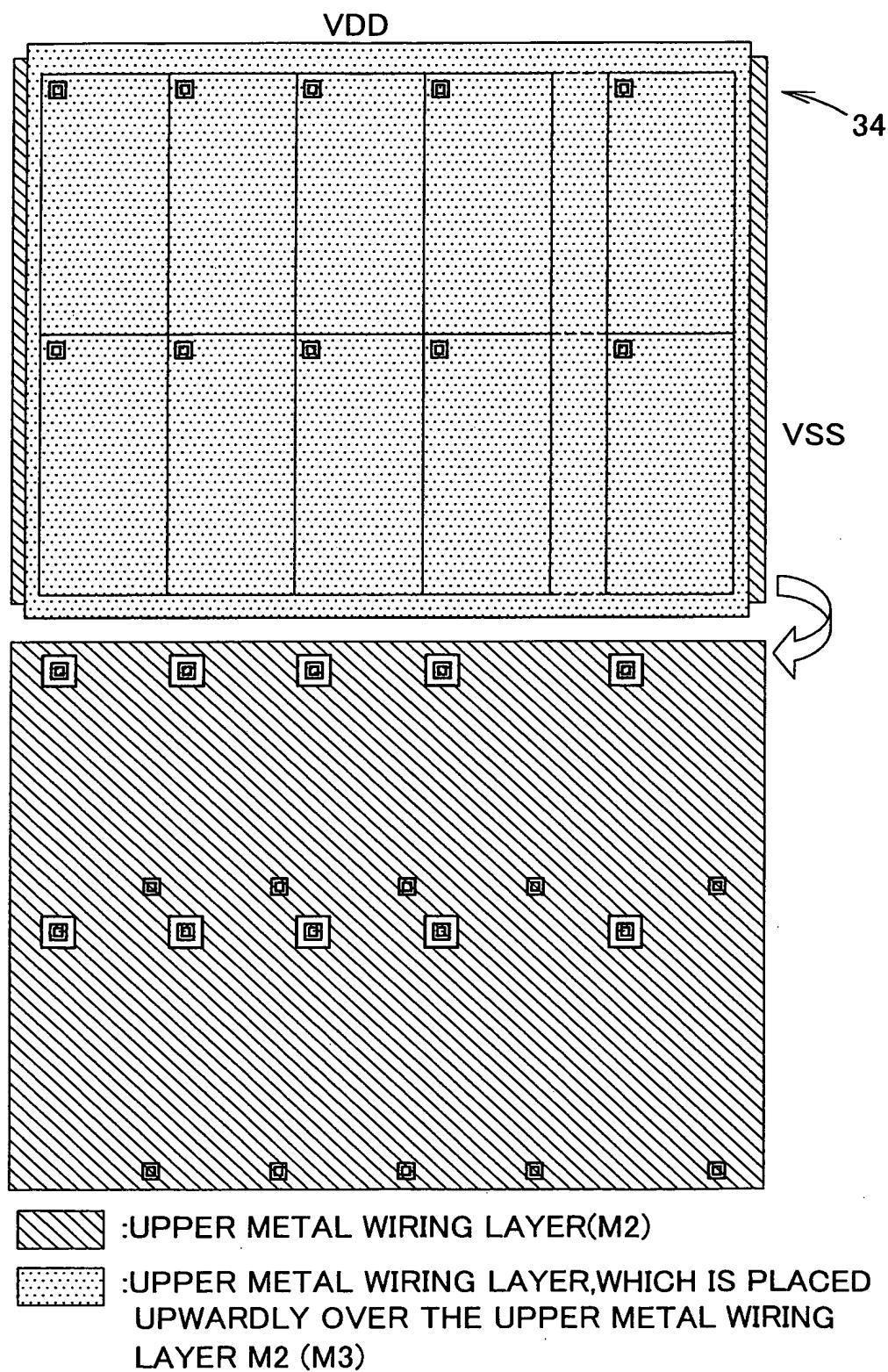
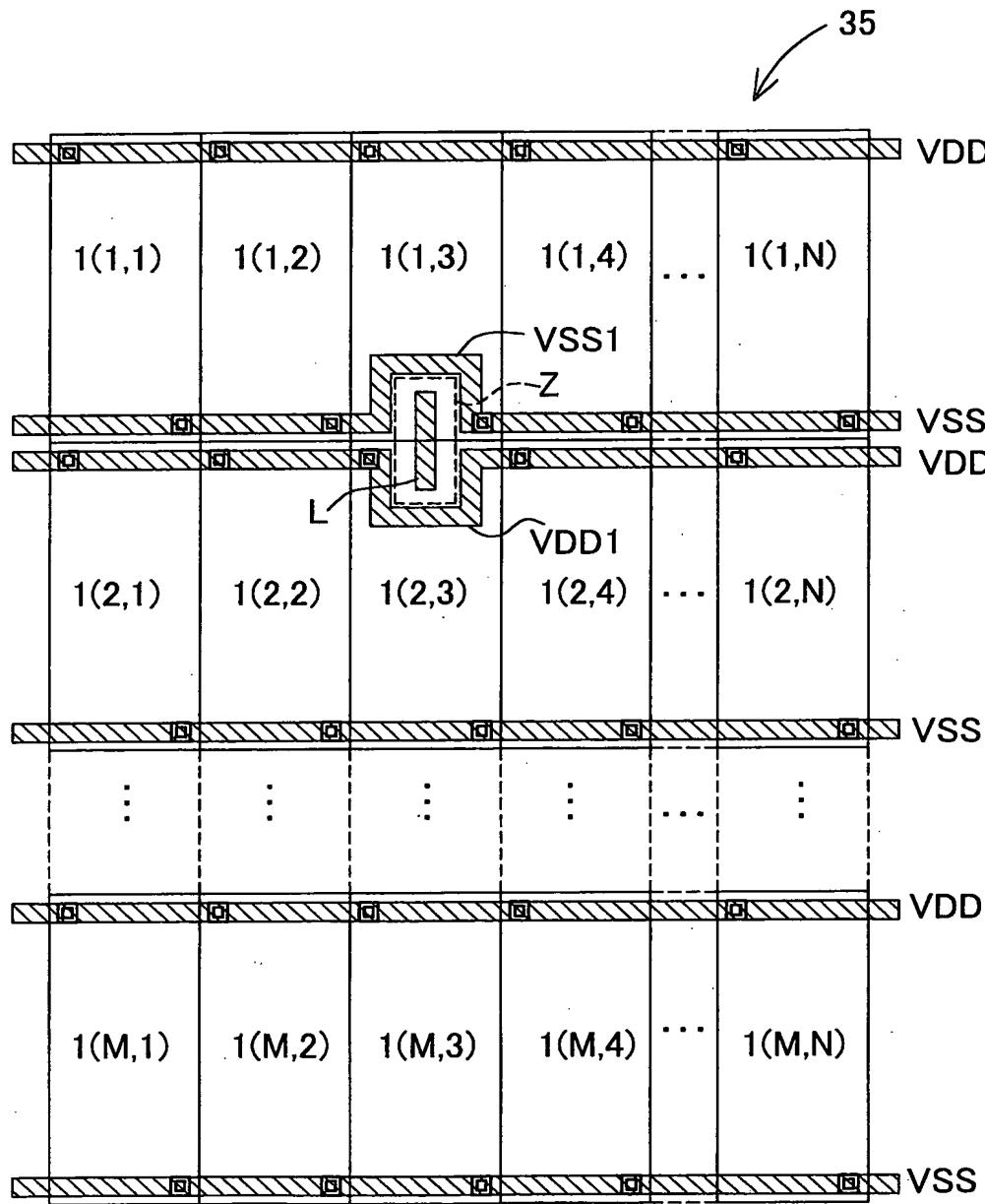


FIG. 8

FIFTH PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNDAMENTAL CELLS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED IN A FORM OF MATRIX

DRAWING EMBODIMENT



■ :UPPER METAL WIRING LAYER(M2)

FIG. 9

SIXTH PRACTICAL EMBODIMENT OF POWER RAILS WHEN THE FUNCTIONAL CIRCUIT BLOCKS IN ACCORDANCE WITH THE PRESENT INVENTION ARE ARRANGED TO FORM A SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

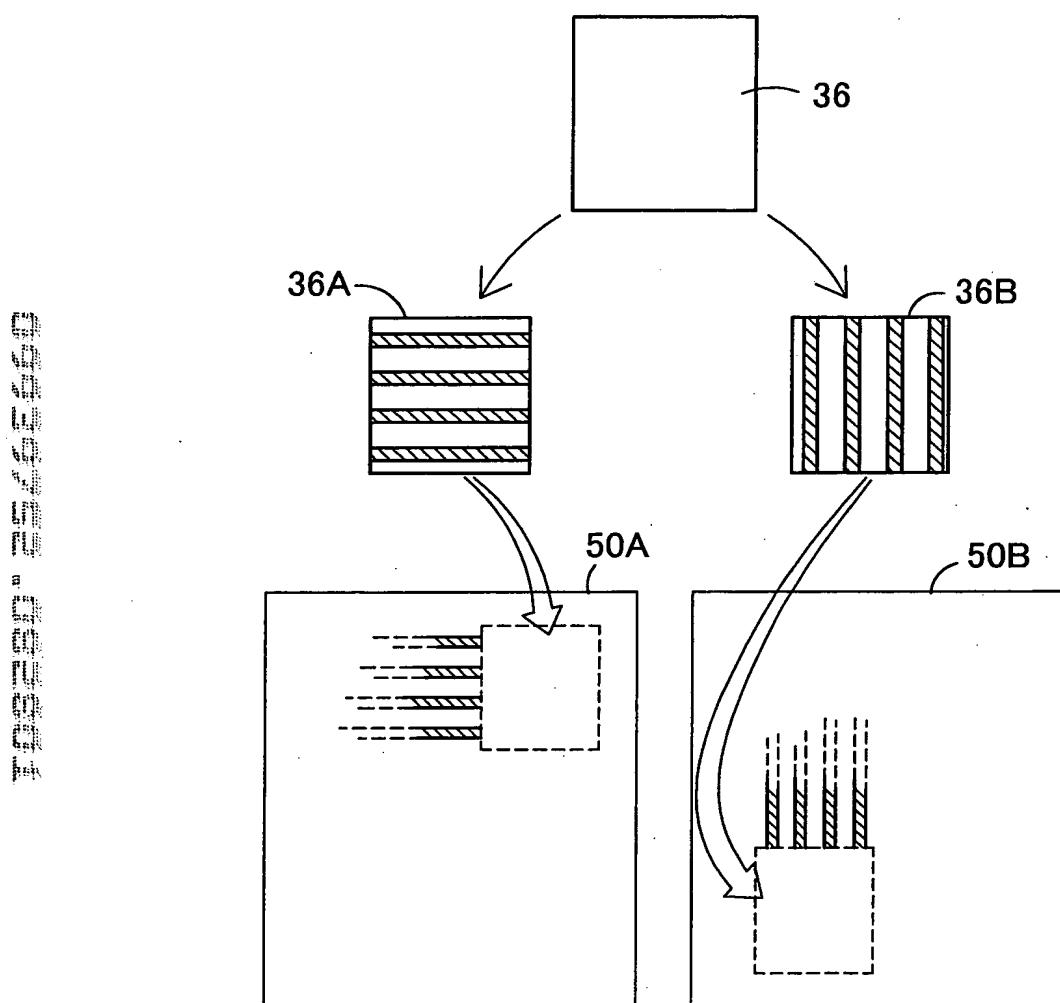


FIG. 10

BLOCK DIAGRAM OF A WIRING APPARATUS IN ACCORDANCE WITH THE PRESENT INVENTION

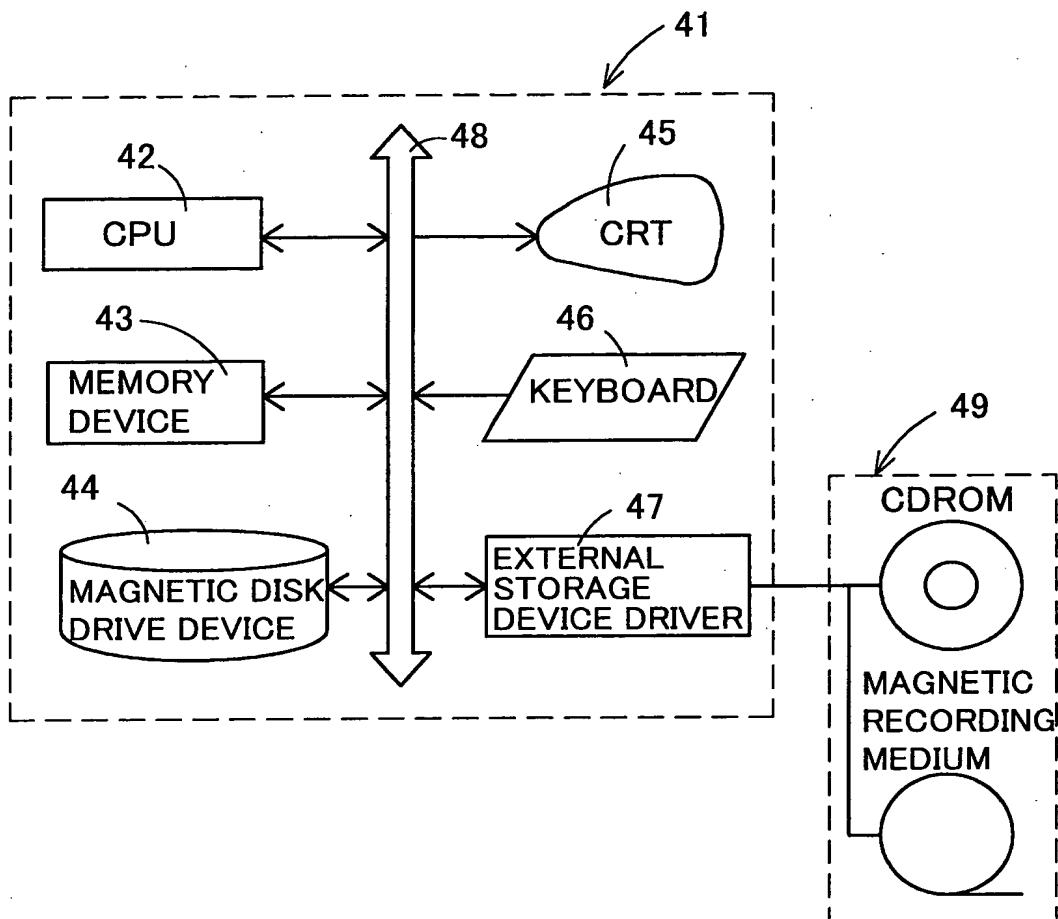


FIG. 11

A FLOW CHART OF A WIRING METHOD FOR WIRING IN A FUNCTIONAL CIRCUIT BLOCK USING THE FUNCTIONAL CIRCUIT BLOCKS IN ACCORDANCE WITH THE PRESENT INVENTION

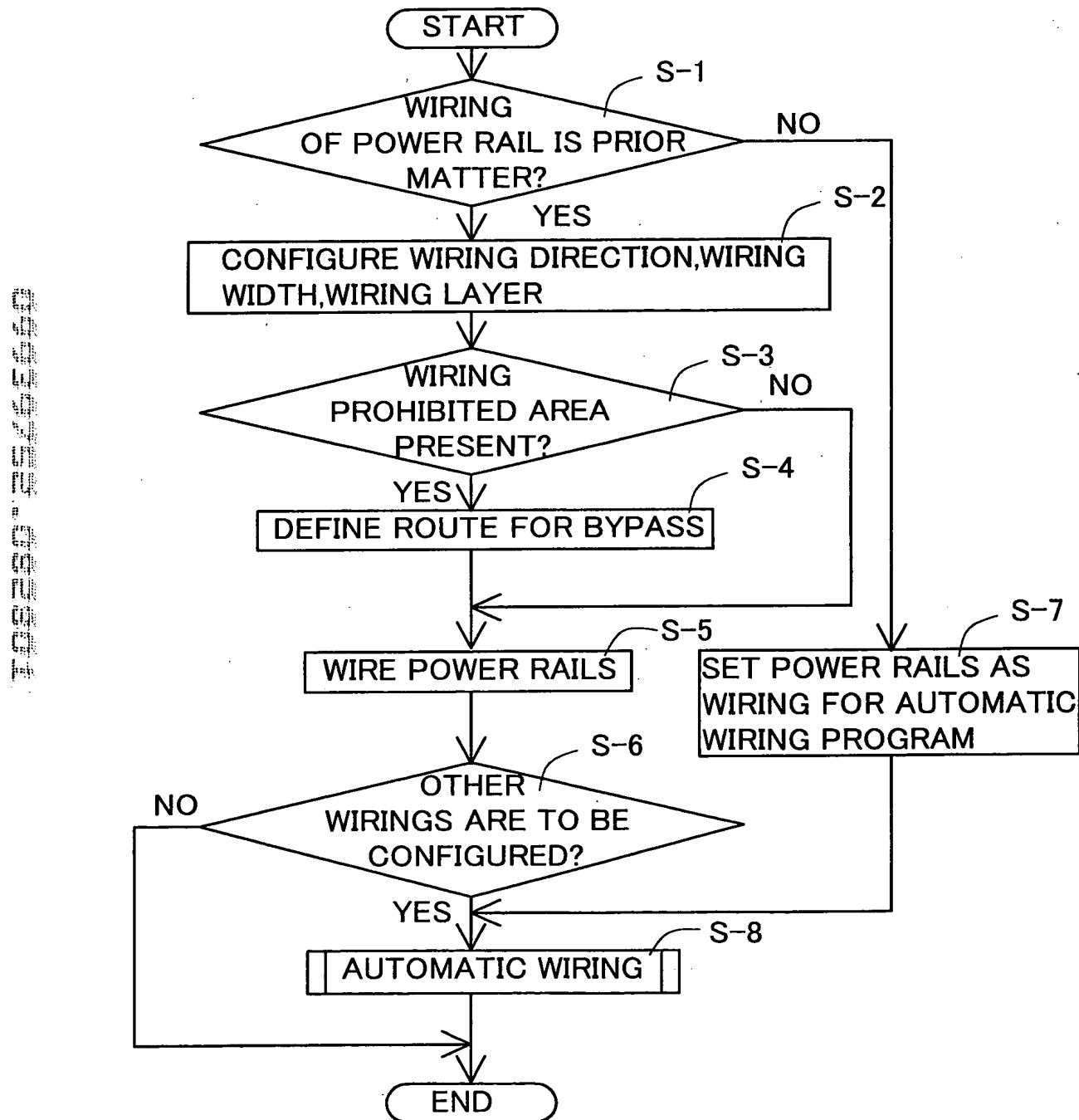
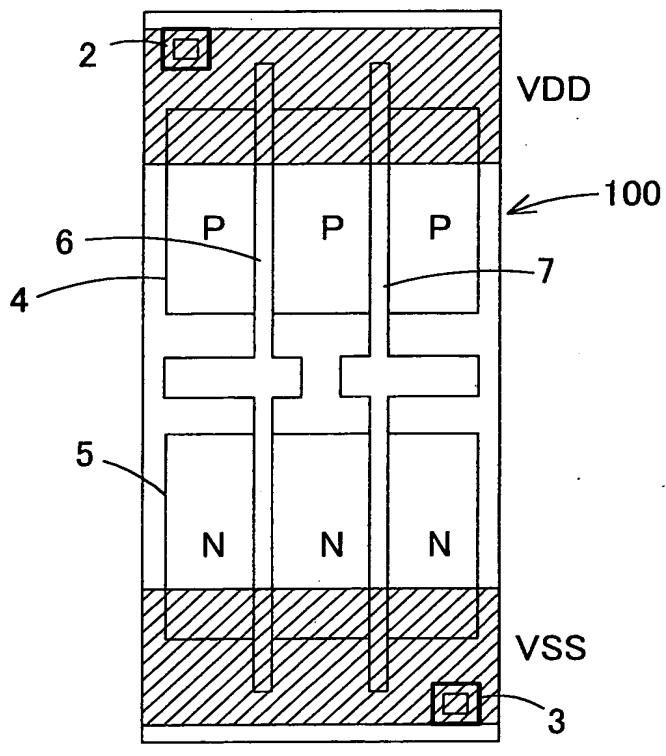


FIG. 12 PRIOR ART**FUNDAMENTAL CELL IN ACCORDANCE WITH THE RELATED ART**

■ :LOWEST METAL WIRING LAYER(M1)

FIG. 13 PRIOR ART

FUNCTIONAL CIRCUIT BLOCK FORMED BY USING
THE FUNDAMENTAL CELLS OF THE RELATED ART

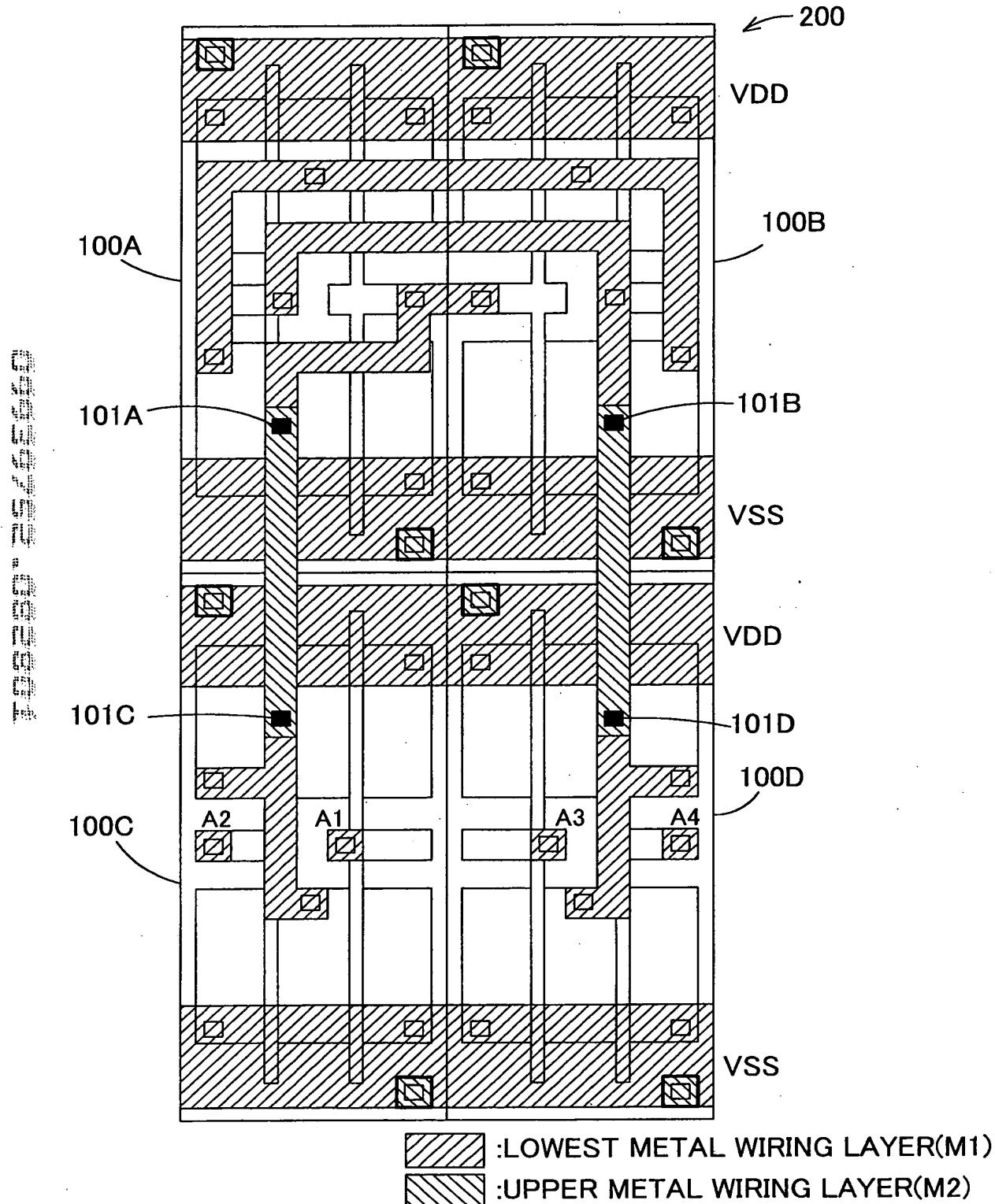


FIG. 14 PRIOR ART

POWER RAIL EMBODIMENT WHEN FORMING THE FUNDAMENTAL CELLS OF THE RELATED ART IN A FORM OF MATRIX

